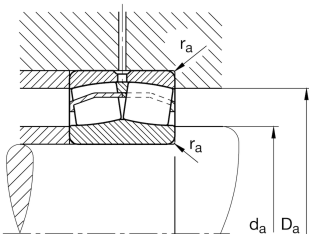
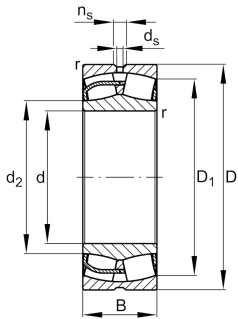


**FAG****24022-CP-C4**

Spherical Roller Bearing

spherical roller bearing 240..-CP, optimized design for continuous casting machines

Technical information

**Your current product variant**

Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication facility	Standard	

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	170 mm	Outside diameter
B	60 mm	Width
C _{0r}	640.000 N	Basic static load rating, radial
n _G	30 1/min	Limiting speed
≈m	4,89 kg	Weight

Mounting dimensions

d _{a min}	118,8 mm	Minimum diameter shaft shoulder
D _{a max}	161,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	149,1 mm	Bore diameter outer ring
d_2	123,9 mm	Raceway diameter of the inner ring
d_s	3,2 mm	Diameter lubrication hole
n_s	6,5 mm	Width of lubricating groove








Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.

Calculation factors

e	0,31	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_0	2,12	Static axial load factor

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Static angular error and misalignment